

**FLUID DELIVERY SYSTEM, FLUID PATH SET, STERILE CONNECTOR AND
IMPROVED DRIP CHAMBER AND PRESSURE ISOLATION MECHANISM**

ABSTRACT OF THE DISLOSURE

The fluid path set is intended for use in a fluid delivery system. The fluid path set includes a multi-patient use section adapted for connection to a syringe used in the fluid delivery system, and to a source of fluid, such as contrast media, to be loaded into the syringe. The fluid path set further includes a per-patient use section that is removably connected to the multi-patient use section. A connector removably connects the multi-patient use section and the per-patient use section. A drip chamber is provided between the source of fluid and the syringe, and includes a projection for determining a level of fluid in the drip chamber. The per-patient use section includes a pressure isolation mechanism. The pressure isolation mechanism includes a lumen, a pressure isolation port, and a valve member with a biasing portion that biases the valve member to a normally open position.